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TITLE OF THE INVENTION:

Nectarine Tree 'S 6817'

CROSS REFERENCE TO RELATED APPLICATIONS:

10 None

PRIORITY CLAIM:

This application claims priority of U.S. Provisional patent application Ser. No. 60/404,173 filed August 15, 2002.

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**STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR
DEVELOPMENT:**

None

20 **LATIN NAME OF THE GENUS AND SPECIES OF THE PLANT CLAIMED:**

Prunus persica L. Batsch.

VARIETY DENOMINATION:

'S 6817'

BRIEF DESCRIPTION OF THE PHOTOGRAPHS:

The photograph shows the fruit of the new cultivar.

5 DETAILED BOTANICAL DESCRIPTION OF THE VARIETY:

The new nectarine tree 'S 6817' was developed as part of a controlled breeding program.

The new nectarine tree has been observed to remain true to type over successive asexually propagated generations.

10 Tree

Type Non-spur type

Vigor **Strong**

Habit Upright

Flowering Branch

15 Thickness Medium

Length of internodes **Medium**

Anthocyanin coloration Present

Intensity of anthocyanin coloration Medium

20 Flowering Branch

Abundance of flower buds Many

Distribution of flower buds Generally in groups of two or more

Time of beginning of flowering **Medium**

Duration of flowering

Flower

5 Shape Rosaceous

Calyx color (open flower before falling of petals) Orange

Petal size

Petal color at full flowering Medium pink

Number of petals Five

10 Number of pistils Always one

Leaves

Time of leaf bud burstMedium

Size Large

15 Ratio length/width Medium

Profile Upfolded

Curvature of tip **Recurved downward**

Angle at base Nearly right angle

20 Anthocyanin coloration Absent

Petiole

Length Long

Nectaries	Present
Shape of nectaries	Kidney-shaped
Number of nectaries	Normally more than two

5 Fruit

Size	Medium
Shape in profile view	Very flat
Shape of tip	Bowl shaped depressed
Symmetry when cut along suture	Asymmetric

10 Suture

Depth of petiole cavity	Shallow
Width of petiole cavity	Medium
Ground color of skin	Orange yellow
Extension of anthocyanin coloration of skin	Large

15 Pubescence

Thickness of skin	Thin
Adherence of skin	Absent or very weak
Firmness of flesh	Strong
General color of flesh	Yellow to orange yellow

20 Anthocyanin coloration directly under skin

Anthocyanin coloration of the flesh	Absent
Anthocyanin coloration around the stone	Present

Texture of the flesh Not fibrous

Sugar content of flesh Medium

Stone

5 Size compared to fruit Small

Shape Flat

Color Dark

Likelihood of stone to split Absent or very weak

Degree of adherence to flesh Medium

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Maturity

Time of maturity Late

Duration Spread out

Preharvest drop Some occurrence

15 Time of falling of leaves Medium